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15		TRICT OF CALIFORNIA
16		Master Case No. 3:18-cv-01586-JSC
16 17	IN RE PACIFIC FERTILITY CENTER	
	IN RE PACIFIC FERTILITY CENTER LITIGATION	Master Case No. 3:18-cv-01586-JSC PLAINTIFFS' MOTION TO EXCLUDE EXPERT TESTIMONY
17		PLAINTIFFS' MOTION TO
17 18	LITIGATION This Document Relates to:	PLAINTIFFS' MOTION TO EXCLUDE EXPERT TESTIMONY Date: March 4, 2021
17 18 19	LITIGATION	PLAINTIFFS' MOTION TO EXCLUDE EXPERT TESTIMONY Date: March 4, 2021 Time: 9:00 a.m.
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NOTICE OF MOTION AND MOTION

PLEASE TAKE NOTICE that on March 4, 2021, at 9:00 a.m., before the Honorable Jacqueline Scott Corley, Plaintiffs A.B., C.D., E.F, G.H., and I.J. will and hereby do move to exclude expert testimony pursuant to the Federal Rules of Evidence and Daubert v. Merrell Dow Pharm., Inc., 509 U.S. 579 (1993).

Plaintiffs seek an order excluding Chart from presenting the following expert witness testimony at the parties' upcoming trial:

- Eldon Leaphart's (i) opinion that A. , and (ii) opinion B. John Cauthen's opinion that Grace Centola's (i) opinion that C. , (ii) opinion that , (iii) opinion that and (iv) D. Franklin Miller's (i) opinion that , (ii) opinion that , (iv) opinion that , (v) (vi) opinion and (vii) supplemental that report dated December 11, 2020. E. Angela Lawson's references to Plaintiffs' motion is supported by the following points and authorities, as well as the accompanying
- declaration of Amy M. Zeman, and the exhibits attached thereto.

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INTRODUCTION

In advance of the parties' upcoming trial, Defendant Chart has submitted reports from seven proposed expert witnesses. These witnesses are all qualified, experienced in their respective fields, and capable of presenting relevant testimony that may assist the jury in resolving a central issue in the case. But there are several instances where the witnesses venture beyond their expertise and offer opinions they are not qualified to present to a jury. For example, Eldon Leaphart is an electrical engineer who possesses the experience and training necessary to . But he lacks the expertise to say . Similarly, Franklin Miller is a cryogenic engineer who can competently present his theory . But he lacks the expertise to testify . He also lacks the expertise to testify There are also several other instances where the witnesses' testimony exceeds the bounds of admissible evidence. Under Rule 404(b) of the Federal Rules of Evidence, Chart is not permitted to present evidence that . 1 But three of Chart's experts intend to testify to . Grace Centola, an andrologist who will opine that , also intends to testify that . Centola and Miller both intend to testify that

. And John Cauthen, a digital forensic examiner, intends to testify that

Plaintiffs use PFC throughout this motion to refer to the Pacific Fertility Center and all associated entities and medical professionals, including Prelude Fertility, Inc., and Pacific MSO, LLC.

early March, but not

. Rule 404(b) forbids the use of such evidence precisely because it could unfairly prejudice the jury against PFC, necessitate prolonged testimony on and distract the jury from the central issues in the case. Those central issues

Plaintiffs accordingly request that the Court closely examine the opinions Chart's experts have disclosed in their reports, as required by *Daubert v. Merrell Dow Pharm., Inc.*, 509 U.S. 579 (1993), and exclude those opinions—identified below—that do not meet the standard for admissibility. Chart will still be entitled to present its side of the case to the jury, and to do so through expert testimony. But by narrowing the scope of the opinions those experts are allowed to present, the Court will also ensure that the jury is not unduly influenced or confused by unreliable, unsupported, or irrelevant testimony

include whether PFC caused the March 4th incident through its negligent behavior in February and

BACKGROUND

that nonetheless carries the imprimatur of a Court-sanctioned expert.

This litigation centers on the events of Sunday, March 4, 2018, when PFC's Lab Director discovered that a cryogenic tank containing 2,500 embryos and 1,500 eggs—including Plaintiffs' eggs and embryos—had lost liquid nitrogen and begun imploding. (*See* Third Am. Compl., ECF No. 578-1, ¶ 1.) Subsequent analysis of the tank, referred to as Tank 4 by PFC, revealed a crack in an interior weld. (*Id.*, ¶ 4, 31-33.) Plaintiffs contend the tank was defective in manufacturing and design and will ask the jury to hold Chart strictly liable for the financial and emotional harm its defective tank has caused them. (*Id.*, ¶¶ 46-56.) Plaintiffs also contend Chart acted negligently by failing to recall Tank 4 prior to the March 4th incident. Chart knew Tank 4's controller was prone to "spontaneously go haywire," and knew that if the tank's weld cracked while the controller was malfunctioning, Tank 4 would suddenly lose nitrogen and damage the material stored inside. (*Id.*, ¶¶ 57-64.)

Chart denies that its cryogenic tank was defective or in any way caused the damage to Plaintiffs' eggs and embryos. (*See* Chart's Answer, ECF No. 597, ¶¶ 47-64.) It says that Tank 4 lost liquid nitrogen and exposed Plaintiffs' eggs and embryos to dangerously high temperatures solely because PFC's Lab Director and team of embryologists acted negligently. (*See id.* at 8.) According to

1	Chart, PFC's negligence caused Tank 4 to run out of liquid nitrogen and implode, and that implosion
2	caused the tank's weld to crack. To support its position at trial, Chart intends to call seven expert
3	witnesses:
4	• Eve Feinberg, a reproductive endocrinologist who
5	;
6	• Eldon Leaphart, an electrical engineer who
7	;
3	John Cauthen, a digital forensic examiner who
9	
)	• Grace Centola, an andrologist who
1	;
2	• Ronald Parrington, a metallurgical engineer who
3	j;
4	• Franklin Miller, a cryogenic engineer who
5	; and
6	Angela Lawson, a forensic psychologist who
7	·
3	ARGUMENT
9	I. Select portions of Chart's expert reports do not meet the standard for admissibility.
0	Before admitting expert testimony into evidence, courts are required to perform a gatekeeping
1	role to ensure the testimony satisfies three overarching requirements:
2 3	(i) <i>qualifications</i> : the expert must be qualified as an expert by knowledge, experience, training, or education;
4 5	(ii) reliability: the reasoning or methodology underlying the expert's testimony must be scientifically reliable; and
6 7	(iii) <i>relevance</i> : the testimony must assist the trier of fact to understand the evidence or to determine a fact in issue.
8	Fed. R. Evid. 702; <i>United States v. Ruvalcaba-Garcia</i> , 923 F.3d 1183, 1188 (9th Cir. 2019).
	4

The reliability requirement is a flexible one that varies with the nature of the expert's testimony. "Science-based" opinions can be evaluated, for example, by considering whether the underlying reasoning or methodology has been tested, subjected to peer review and publication, or widely accepted in the scientific community. *United States v. Valencia-Lopez*, 971 F.3d 891, 898 (9th Cir. 2020) (citing *Daubert*, 509 U.S. at 592-94). "Experience-based" opinions can be more difficult to evaluate, but the lack of objective benchmarks makes it even more important for courts to screen the opinions to ensure they are adequately explained and supported. *Valencia-Lopez*, 971 F.3d at 898. Without a proper explanation based on demonstrated knowledge and experience in the relevant discipline, expert opinion testimony can improperly devolve into nothing more than "because I say so." *Small v. WellDyne, Inc.*, 927 F.3d 169, 177 (4th Cir. 2019); *Domingo ex rel. Domingo v. T.K.*, 289 F.3d 600, 607 (9th Cir. 2002) (excluding opinion evidence connected to existing data only by the *ipse dixit* of the expert). The Court's ultimate goal is "to make certain that an expert, whether basing testimony upon professional studies or personal experience, employs in the courtroom the same level of intellectual rigor that characterizes the practice of an expert in the relevant field." *Valencia-Lopez*, 971 F.3d at 898 (quoting *Kumho Tire Co. v. Carmichael*, 526 U.S. 137, 152 (1999)).

Chart's seven expert witnesses largely satisfy the gateway requirements for opinion testimony. There are some relatively narrow aspects of Chart's expert reports that exceed the bounds of permissible expert testimony, however—either because they venture beyond the witness's field of expertise; pertain to irrelevant, confusing, or potentially prejudicial facts; or are not adequately explained and supported. Plaintiffs accordingly request that the Court preclude Chart's experts from offering the testimony discussed below.

II. Eldon Leaphart: The Court should exclude opinions that venture beyond Leaphart's expertise in electrical engineering.

Eldon Leaphart is an electrical engineer who

. He concluded that

(Zeman Decl., Ex. 1 at 30-32.) These symptoms are consistent with

1	. (<i>Id</i> .,
2	Ex. 1 at 23, 32; Ex. 2 at 157.)
3	The majority of Leaphart's report concerns
4	. He reports on
5	
6	. (<i>Id.</i> , Ex. 1 at 10-32.) But in a few
7	instances, Leaphart ventures beyond his expertise and opines regarding other matters. Plaintiffs request
8	the Court preclude Chart from presenting these opinions at trial, but otherwise permit Leaphart to
9	testify regarding .
10	A. Leaphart is not qualified to opine that
11	
12	At his deposition, Leaphart acknowledged
13	
14	(Id., Ex. 2 at 141.) Leaphart
15	. (<i>Id.</i> at 52-53.) So while
16	Leaphart's experience as an electrical engineer may qualify him to
17	, he possesses no special knowledge or expertise that would allow him to
18	competently opine . See Snyder v. Bank of Am.,
19	N.A., No. 15-CV-04228-KAW, 2020 WL 6462400, at *4 (N.D. Cal. Nov. 3, 2020) ("[E]xpertise in one
20	subject does not necessarily mean the expert will be qualified to testify on all issues that could arise
21	from that subject.") (quoting Lutron Elecs. Co., Inc. v. Crestron Elecs., Inc., 970 F. Supp. 2d 1229,
22	1241 (D. Utah 2013)).
23	It stands to reason that if Leaphart is not qualified to testify
24	. Yet in his report,
25	Leaphart claims that
26	(Id., Ex. 1 at 36, ¶ 3 (third bullet); see also id. at 33
27	
28	He does not support this opinion in his report, say
	6

	11
1	, or explain
2	. This lack of support, combined with Leaphart's
3	renders his opinion inadmissible. Fed. R. Evid. 704(b); Winters v. Fru-Con Inc., 498 F.3d 734, 743 (7th
4	Cir. 2007) ("An expert must substantiate his opinion; providing only an ultimate conclusion with no
5	analysis is meaningless").
6	B. Leaphart cannot reliably opine
7	
8	Despite Leaphart's representation that
9	
10	. The report says
11	
12	(Zeman Decl., Ex. 1 at 35, ¶ 1; see also id. at 6
13	.)
14	This opinion is unsupported, outside the scope of Leaphart's assignment, and contrary to
15	Leaphart's own admissions at deposition. Leaphart's report may say that
16	, but Leaphart himself called that
17	and acknowledged that
18	(Id., Ex. 2 at 80-81, 151.) When asked to explain why
19	
20	
21	(Id at 72-74; see also 75-76
22	.)
23	Leaphart further acknowledged that
24	
25	. (<i>Id.</i> at 27, 148.) Without a
26	there is simply no way that Leaphart can reliably testify
27	. See Grodzitsky v. Am. Honda Motor Co., 957 F.3d
28	
	7

1	979, 986 (9th Cir. 2020) (excluding expert opinion where "the only testing [the expert] performed was
2	not designed to identify any defects").
3 4 5	III. John Cauthen: The Court should exclude testimony that as irrelevant and prejudicial. John Cauthen is a digital forensic examiner who
6	
7	. (Zeman Decl., Ex. 3 at 3-4.) Plaintiffs do not object to Cauthen testifying
8	. They also do not object to limited testimony
9	regarding . For instance, Cauthen's
10	
11	. (<i>Id</i> . at 21.)
12	(Id.) In other
13	words, Cauthen's
14	
15	. (<i>Id.</i> , Ex. 12 at 129-31.) This evidence is relevant to a central issue
16	in the case—whether Tank 4 failed because of a defective weld, as Plaintiffs contend, or because PFC
17	negligently failed to fill Tank 4 with liquid nitrogen on March 3, 2018, as Chart contends. Plaintiffs do object, however, to Cauthen presenting evidence that
18 19	. (See id., Ex. 3 at 23, ¶ 6; see also id. at 13-21, Ex. 4 at
20	58-59.) Plaintiffs do not intend to introduce into evidence, and allowing Cauthen to
21	nonetheless testify would create a substantial risk of unfair prejudice. The discussed in
22	Cauthen's report
23	
24	
25	
26	. (<i>Id</i> , Ex. 13 (3/13/18 letter).) It appears that
27	
28	
	8

. (See id., Ex. 3 at 13-21.) These
(Id. at 23, ¶ 6(a)-(d).) Again, Plaintiffs do not intend to introduce any of these
evidence, so there is no need for Cauthen to testify that stipulate that
supurate that
The danger with permitting Cauthen to testify
is that it creates the appearance of improper conduct that
may unduly prejudice the jury against PFC. Even if
, that does not make it more likely that PFC engaged in negligent
behavior that caused Plaintiffs' injuries. Similarly, even if
, as Cauthen suggests in
his report, that too does not make it more likely that PFC contributed to the loss of Plaintiffs' eggs and
embryos. (See id. at 18-20.) Any misconduct occurred after the fact, and while it may reflect poor
judgment or a dishonest character, that sort of character evidence is inadmissible: Rule 404(a) of the
Federal Rules of evidence precludes the use of character evidence to prove that PFC or its employees
acted in accordance with that character trait. Fed. R. Evid. 404(a)(1). And Rule 404(b) similarly
precludes Chart from introducing evidence of other wrongs or acts in pursuit of the same end. Fed. R.
Evid. 404(b)(1); see also Brighton Collectibles, Inc. v. Marc Chantal USA, Inc., No. 06-CV-1584 H,
2009 WL 10674074, at *2-3 (S.D. Cal. Apr. 1, 2009) (excluding evidence of behavior during discovery
as irrelevant and prejudicial).
9

I	
1	In addition to unfairly prejudicing the jury against PFC, Cauthen's testimony would also lead to
2	extended proceedings on collateral issues and distract jury members from the central issues in the case.
3	See Fed. R. Evid. 404, Note to 2006 amendments; Cal. Evid. Code § 1101, comment. If Cauthen is
4	permitted to testify that
5	will of course wish to defend themselves. Plaintiffs likewise will want to ensure
6	that the jury considers PFC's conduct in the appropriate context and separates
7	from the issues in the case. A great deal of time and testimony
8	will be devoted to the collateral issues of why
9	and whether doing so was in anyway wrong or unusual.
10	Plaintiffs accordingly request that the Court preclude Cauthen from presenting evidence
11	suggesting that . Plaintiffs do not plan to enter those
12	entries into evidence and any testimony concerning those entries would unnecessarily prolong the trial,
13	distract the jury from the central issues in the case, and unfairly prejudice jury members against PFC.
14	See Jinro Am. Inc. v. Secure Investments, Inc., 266 F.3d 993, 1006 (9th Cir.) ("Otherwise admissible
15	expert testimony may be excluded under Fed. R. Evid. 403 if its probative value is substantially
16	outweighed by the danger of unfair prejudice, confusion of the issues, or undue delay.")
17	IV. Grace Centola: The Court should exclude testimony regarding as
18	irrelevant and prejudicial
19	Grace Centola is a specialist in andrology and male fertility who
20	
21	(Zeman Decl., Ex. 6 at 14.) She was asked
22	
23	(See id at 26-28; see also id., Ex. 5 at 3-44.) For the most part, Plaintiffs do not object to
24	Centola presenting her opinions to the jury: she should be permitted to testify that, in her opinion,
25	
26	
27	
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	10

1	Plaintiffs do object, however, to Centola offering testimony concerning
2	. That testimony, like testimony offered by Cauthen,
3	is inadmissible under Rule 404 and would unfairly prejudice PFC, divert the jury's attention from the
4	true issues in the case, and require Plaintiffs spend a significant amount of court time placing those
5	other incidents in the proper context. See Jones v. S. Pac. R.R., 962 F.2d 447, 449–50 (5th Cir. 1992)
6	(evidence of prior safety infractions is inadmissible under Fed. R. Evid. 404(b)), cited by Dupuis v.
7	Alaskan Shores F/V, 139 F.3d 904 (9th Cir. 1998); In re Pfizer Inc. Sec. Litig., 288 F.R.D. 297, 318
8	(S.D.N.Y. 2013) ("[defendant's] prior acts of negligence are not admissible to prove that it was
9	negligent here").
10	A. Centola's testimony that
11	is inadmissible under Rule 404.
12	Like Cauthen, Centola intends to testify that
13	. (Zeman Decl., Ex. 5, ¶¶ 17-21, 24-25.) Centola goes even further than Cauthen,
14	relying on his findings to opine
15	($Id.$, ¶ 38.) In addition to
16	
17	$(\mathit{Id.}, \P\P$
18	39-41.) In fact, that
19	(Id., Ex. 14 at 3, Q7.)
20	Just as Rule 404 prohibits Cauthen from presenting evidence that , so
21	too does it prohibit Centola from testifying that
22	. Centola's testimony is an even clearer violation of Rule 404, as she
23	specifically acknowledges that
24	. (<i>Id.</i> , Ex. 5, ¶ 38, 42.) Centola claims
25	perhaps suggesting that her testimony should be
26	considered habit evidence that can be admitted under Rule 406. (Id., ¶ 38.) But "[b]efore a court may
27	admit evidence of habit, the offering party must establish the degree of specificity and frequency of
28	uniform response that ensures more than a mere 'tendency' to act in a given manner, but rather, conduct
	11
	11

1	that is 'semi-automatic' in nature." O'Connor v. Boeing N. Am., Inc., No. CV 00-0186 DT RCX, 2005
2	WL 6035256, at *31 (C.D. Cal. Aug. 9, 2005) (quoting Simplex, Inc. v. Diversified Energy Sys.,
3	Inc., 847 F.2d 1290, 1293 (7th Cir. 1988)). The evidence Centola proposes to present to the jury
4	constitutes
5	. She has not established that PFC "semi-automatically"
6	"over substantially all occasions."
7	Id. at *31; see also Morris v. Long, No. 1:08-CV-01422-AWI, 2012 WL 3276938, at *10–13 (E.D. Cal
8	Aug. 9, 2012) (excluding testimony where proponent failed to show conduct was reflexive or semi-
9	automatic in nature), aff'd, 592 F. App'x 579 (9th Cir. 2015).
10	B. Centola's testimony that
11	s likewise inadmissible under Rule 404.
12	Centola intends to testify that
13	
14	(Id., Ex. 5, ¶ 46.) Her only support for this opinion
15	
16	. (Id., \P 45.) As another of Chart's experts explains, however,
17	that
18	(<i>Id.</i> , Ex. 7 at 23.) In
19	addition, Tank 4's controller was programmed with a level offset of 1.3 inches, meaning that level
20	readings below 1.3 inches would be recorded as zero; the controller may not have been properly
21	calibrated at the factory (
22); and Chart's controllers are
23	prone to malfunction and display inaccurate liquid nitrogen levels. (1/10/20 Gustafson report, ECF No.
24	418-4, ¶ 24; Zeman Decl., Ex. 7 at 15; <i>id.</i> , Ex. 1 at 23, 34.)
25	Chart's previous counsel took the position that Tank 4's controller readings meant that
26	Plaintiffs' eggs and embryos "could very well have been adversely affected prior to the March 4
27	Incident." (1/10/20 Chart Opp., ECF No. 352-4 at 11 (emphasis in original); see also id. at 1, 13, 14,
28	16 (also asserting the 2013/14 incidents could have damaged Plaintiffs' tissue).) A statistical analysis

1	indicated otherwise, however, and Chart has abandoned the argument. Instead, Centola opines that		
2			
3	(Zeman Decl., Ex. 5 at 4.) When asked		
5	(Id., Ex. 6 at 246.) As she pointed out,		
6	(<i>Id</i> at 240; <i>see also id</i> . at 256		
7			
8	Centola is instead		
9	(<i>Id.</i> , Ex. 5, ¶ 46.) But as with		
10	, evidence of PFC's prior bad acts is not admissible to prove that		
11	PFC also acted inappropriately in 2018 and caused Tank 4 to lose liquid nitrogen. As the Fifth Circuit		
12	Court of Appeals observed in <i>Jones</i> , "prior safety infractions, nearly all of which occurred several years		
13			
14	that [a party] was negligent on the day of the accident, or that [it] had a habit of [acting] negligently."		
15	Jones, 962 F.2d at 450; see also S. Pac. Transp. Co. v. Builders Transp., Inc., No. CIV. A. 90-3177,		
16	1993 WL 185620, at *10 (E.D. La. May 25, 1993) (evidence of a "train crew's prior negligent acts is		
17	not admissible to prove that its members were negligent on [the date in question]").		
18 19	C. Centola's testimony that under Rule 404.		
20	Centola also claims that		
21	(Zeman Decl., Ex. 5, ¶ 36.) Tank 4 and five other cryogenic tanks were supplied with		
22	liquid nitrogen through two supply tanks that are hooked up to a common plumbing system. (Id., Ex. 15		
23	at 37.) For the same reason that Centola cannot properly testify		
24	, she also cannot properly testify t		
25	·		
26	Centola also should be precluded from mentioning		
27	. (See id., Ex. 5, ¶ 35; Ex. 16 at 48		
28	.) These are all also inadmissible		
	13		
l			

1	under Rule 404(b). See also Sparks v. Gilley Trucking Co., 992 F.2d 50, 53 (4th Cir. 1993) (error to		
2	admit extensive evidence of prior speeding to suggest defendant was speeding at the time of the		
3	accident).		
4 5	D. Centola's testimony about under Rule 404.		
6	Centola's report briefly discusses .		
7	(Zeman Decl., Ex. 5, ¶¶ 27-29.) PFC did not use buckets as a primary way of refilling Tank 4, but it did		
8	frequently use buckets to fill smaller dewars and to fill Styrofoam containers for use in day-to-day		
9	operations. (See id., Ex. 17 at 225, 228.) On occasion, embryologists would use a bucket to top off one		
10	of the larger tanks, such as when liquid nitrogen is left over from other tasks. (See id., Ex. 18 at 11-12,		
11	13-14.) According to Centola, this		
12	. (<i>Id.</i> , Ex. 5 ¶¶ 27-29.)		
13	Centola acknowledged at her deposition, however, that		
14	(Id., Ex. 6 at 230.) The testimony is intended only to paint PFC		
15	in a negative light and suggest that		
16	. That type of evidence is		
17	precluded by Rule 404(b) and should be excluded. See Friend v. Time Mfg. Co., No. 03-343-TUC-CKJ		
18	2006 WL 2135807, at *10 (D. Ariz. July 28, 2006) (excluding evidence offered "to prove that [party]		
19	has a habit of engaging in negligent working habits to show that [his] negligence was the sole cause of		
20	the accident").		
21 22	V. Franklin Miller: The Court should exclude opinions that venture beyond Miller's expertise, draw legal conclusions, or lack a reliable foundation.		
23	Franklin Miller is a mechanical engineer who		
24	. (Zeman Decl., Ex. 7 at 1-2.) He intends to		
25	. Whereas Plaintiffs contend that a		
26	crack in one of Tank 4's interior welds is responsible, Miller contends that		
27	. He has postulated		
28	. (<i>Id.</i> at 9-12.) Plaintiffs have no objection to Miller presenting his theory to the		
	14		

1	jury, but some of the opinions that Miller wishes to present in conjunction with that theory—such as his	
2	opinion thatare improper and should be excluded.	
3	A. Miller's opinion is an improper and unsupported legal conclusion.	
5	Miller's theory postulates that	
6		
7		
8	. (Id. at 9, steps 2-3.) One problem with that theory is that Tank 4 was tested	
9	extensively after the March 4th incident and no such was ever identified—the crack in the	
10	weld is the <i>only</i> leak that has ever been detected. Chart's experts were present for that testing and, in	
11	fact, they directed much of the leak testing. They spent hours looking for a leak and found nothing. (See	
12	id., Ex. 8 at 149-50.)	
13	Miller would like to opine that	
14	(Id., Ex. 7 at 24, ¶ 5.) But is a legal issue and "an expert witness	
15	cannot give an opinion as to her legal conclusion, i.e., an opinion on an ultimate issue of law."	
16	Nationwide Transp. Fin. v. Cass Info. Sys., Inc., 523 F.3d 1051, 1058 (9th Cir. 2008). If Chart truly	
17	believed that, its remedy was to bring a motion for evidentiary	
18	sanctions against PFC before Tank 4 was thoroughly leak-tested and then—with Chart's consent—cut	
19	apart for further testing, rendering further leak testing impossible. See Apple Inc. v. Samsung Elecs.	
20	Co., 881 F. Supp. 2d 1132, 1135 (N.D. Cal. 2012) (courts possess inherent authority to impose	
21	spoliation sanctions).	
22	Miller's opinion is also unsupported by the evidence and undercut by his own	
23	deposition testimony. Miller believes that	
24		
25	(Zeman Decl., Ex. 7 at 7.) But he doesn't explain	
26	. (<i>Id.</i> , Ex. 8 at 145	
27	And he cites to no scientific authority or independent testing for his supposition. See Daubert, 509 U.S.	
28	at 590 (expert testimony must be based on more than "subjective belief or unsupported speculation").	

1	In fact, Miller's only citation is to Chart's own discovery responses. (Zeman Decl., Ex. 7 at 8 nn.22-		
2	25.) Then when Plaintiffs asked		
3			
4	(<i>Id.</i> , Ex. 8 at 141-42		
5			
6	In short, Miller's opinion that		
7	is an improper legal conclusion, unsupported by reliable scientific evidence, and		
8	undermined by the factual record.		
9	B. Miller's opinion that is an irrelevant legal conclusion.		
10	Miller's report also strays into the legal realm when he opines that		
11	(Id., Ex. 7 at 24, ¶ 6; see also id. at 7-8.) Miller has no special expertise that		
12	allows him to opine .		
13	More importantly, Chart's contractual obligations to PFC are not relevant to Plaintiffs or their third-		
14	party legal claims, which sound in strict liability, not in contract. Permitting Miller to opine that		
15	would only confuse the jury with irrelevant information and wrongly suggest to		
16	jury members that Chart is not strictly liable for injuries caused by its product—whether that harm		
17	occurs before or after the term of Chart's written warranty. Greenman v. Yuba Power Prod., Inc., 59		
18	Cal. 2d 57, 62 (1963) ("rules defining and governing warranties cannot properly be invoked to		
19	govern the manufacturer's liability to those injured by their defective products").		
20	C. Miller's is not the same as the legal		
21	definition, making his conclusions irrelevant and confusing.		
22	Miller opines that		
23			
24	(Zeman Decl., Ex. 7 at 24, ¶ 1; see also id. at 2.) The issue of whether or not Tank 4 contained		
25	a design or manufacturing defect is ultimately one for the jury to decide based on the instructions from		
26	the Court. See CACI No. 1201-1204. Under California law, "[a] product contains a manufacturing		
27	defect if the product differs from the manufacturer's design or specifications or from other typical units		
28	of the same product line." CACI No. 1202. And a product is defective in design if it either does not		

1	perform as safely as an ordinary user would have expected, or if the design is a substantial factor in
2	causing harm and the manufacturer cannot prove the benefits of that design outweigh its risks. CACI
3	No. 1203-1204.
4	Miller . He
5	considers
6	(Zeman Decl., Ex. 8 at 235-36.) And he believes that
7	(Id. at 238-39.) Using his own definitions,
8	Miller is able to opine that
9	. (<i>Id.</i> at 238-39.) He's able
10	to opine
11	
12	(Id. at 235.) And he's able to opine that
13	
14	(Id. at 216
15	.)
16	Under these circumstances, permitting Miller to testify at trial that
17	would only confuse or mislead the jury. See Nationwide, 523 F.3d at
18	1059 (excluding expert from presenting legal conclusions that "would have been not only superfluous
19	but mischievous"). Chart engaged a qualified metallurgist to, and that expert
20	will be permitted to present his factual findings to the jury to assist them in deciding whether Tank 4
21	suffered from any design or manufacturing defects. There is no need for Miller to opine on the same
22	topic, particularly when he offers only legal conclusions that are not supported by any testing or
23	analysis and are based on a misunderstanding of the law.
24	D. Miller is not qualified to opine .
25	Miller also should be precluded from testifying that,
26	
27	(Zeman Decl., Ex. 7 at 7.) Miller admits
28	and he has provided no other basis upon which he could reliably testify
	17
	1,

1	. (<i>Id.</i> , Ex. 8 at 124.) The only support Miller supplies		
2	for his contention . (Id.,		
3	Ex. 7 at 7 n.19.) If Chart wants to call Mr. Ingram to testify at trial, it can do so, but it should not be		
4	permitted to offer opinion testimony		
5	. See Pooshs v. Philip Morris USA, Inc., 904 F. Supp. 2d 1009, 1019-20 (N.D. Cal. 2012)		
6	(finding testimony that exceeded the bounds of expert's qualification would not assist trier of fact).		
7 8	E. Miller should not be permitted to confuse the jury with .		
9	One of Chart's other experts has testified		
10			
11	. (Zeman Decl., Ex. 3 at 21.) Ms.		
12	Popwell confirmed that the measurement was accurate: on March 3, 2018, she inserted a yardstick into		
13	Tank 4 and filled it up to the 14-inch mark—just as she had done on several prior occasions when she		
14	was responsible for filling Tank 4 before leaving for the day. (<i>Id.</i> , Ex. 12 at 129-32.) Everyone		
15	generally agrees on what happened next. Around 12:30 the next day, PFC's Lab Director discovered		
16	that Tank 4 had lost all or substantially all of its liquid nitrogen.		
17	Miller conducted		
18	(Id., Ex. 7 at 24, ¶ 8; see also id. at 8.) He also claims		
19			
20	(Id.) Miller's		
21			
22	. (Id. at 13.)		
23			
24			
25	(Id. at 20; Ex. 8 at 177)		
26			
27			
28			
	18		
- 1	10		

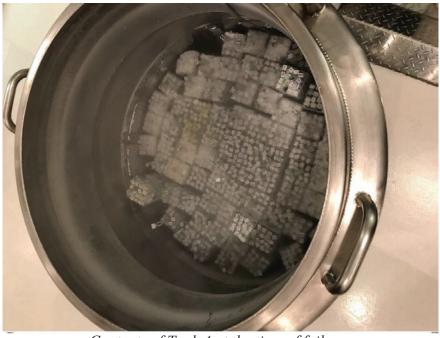
But at deposition,	Miller	admitted	that
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(*Id.*, Ex. 8 at 113-14.) Miller

, but Tank 4 was filled with 80 boxes, 1280

 $cryo-canes,\,1280\,\,goblets,\,and\,\,3000-4000\,\,cryotips\,\,or\,\,cryolocks,\,each\,\,holding\,\,biological\,\,tissue.\,\,(\textit{Id.},\,Ex.\,\,d.)$

19 at 119-20.) All that equipment takes up a substantial amount of space, as shown below:



Contents of Tank 4 at the time of failure (shown after relocation to replacement tank)

, and Miller should not be permitted to testify that it did. *See Rovid* v. *Graco Children's Prod. Inc.*, No. 17-CV-01506-PJH, 2018 WL 5906075, at *8 (N.D. Cal. Nov. 9, 2018) (excluding expert test that "did not even attempt to simulate" the real-world accident at issue);

1	compare with Zeman Decl., Ex. 8 at 114	
2		
3	For similar reasons, Miller's	
4	. Miller	
5		
6	. (See id. at 108.) Instead, he	
7	(Id.,	
8	Ex. 7 at 15.) Not surprisingly, Miller's . (Id. at	
9	22.) That result says	
10		
11	Chart itself has recognized that there is a meaningful distinction between an interior leak and an	
12	exterior one. It has identified over 100 ways that its tanks could fail and analyzed those potential failure	
13	modes through a formal Design Failure, Modes, Effects & Criticality Analysis. (Id., ¶ 21, Ex. 21.) In	
14	the event of an interior weld failure, Chart concluded: "Liquid [would] draw[] into vacuum space,	
15	expanding rapidly and causing an inner vessel implosion, total vacuum loss. Loss of function of the	
16	freezer." (Id., Ex. 21, DEW-3, DEW-4.) The result for an exterior breach,	
17	is less severe: no liquid draws into the vacuum space; there is no rapid expansion; vacuum loss leading	
18	to a high evaporation rate is predicted, but not total vacuum loss; and an inner vessel collapse is	
19	described as only a possibility, not a certainty. (Id., DEW-6.) In other words, Chart's own pre-litigation	
20	analysis undermines Miller's	
21	. See Beard v. United States Postal Serv.,	
22	No. 17-CV-03218-JCS, 2019 WL 257978, at *2 (N.D. Cal. Jan. 18, 2019) ("a federal judge should	
23	exclude scientific expert testimony unless he is 'convinced that it speaks clearly and directly to an	
24	issue in dispute in the case.") (quoting Daubert v. Merrell Dow Pharm., Inc., 43 F.3d 1311, 1321 n.17	
25	(9th Cir. 1995).	
26		
27		
28		
	20	

1			
2	Gen. Elec. Co. v. Joiner, 522 U.S. 136, 146 (1997) ("A court may conclude that there is simply		
3	too great an analytical gap between the data and the opinion proffered").		
4	Lastly, Miller's conclusions are suspect since they are the result. He did not		
5			
6	. See Daubert, 509 U.S. at 594 ("the court ordinarily should consider the known or		
7	potential rate of error"). As Justice Sotomayor has observed, "[t]he results of any scientific test should		
8	be repeatable at least three times in order to eliminate the possibility of results being skewed by		
9	conditions specific to the time that the test was first conducted." Avon Prod., Inc. v. S.C. Johnson &		
10	Son, Inc., 984 F. Supp. 768, 787 (S.D.N.Y. 1997). multiple times and under		
11	different conditions, Miller cannot show that his method is reproducible or reliable. Rovid, 2018 WL		
12	5906075 at *5. All opinions based on Miller's est should accordingly be excluded as unreliable		
13	and irrelevant to the conditions that actually existed inside Tank 4 and in the PFC laboratory.		
14	Permitting Miller to testify		
15	would only serve to confuse and potentially		
16	mislead members of the jury.		
17 18	F. Like Centola, Miller should not be permitted to testify regarding		
19	Miller's report includes a short section that addresses		
20	. (Zeman Decl., Ex. 7 at 22-23.) Like Centola, Miller recounts		
21			
22	. (<i>Id</i> .) And just as Centola claims		
23	Miller claims (<i>Id.</i> , Ex. 5, ¶ 43; Ex. 7 at 22, 24, ¶		
24	9.) This testimony is inadmissible under Rule 404(b), regardless of whether it comes from Centola or		
25	from Miller, and so should be excluded for both experts. (See Section IV.B., supra.)		
26	G. Miller's second rebuttal report should be stricken.		
27	On December 11, Miller submitted a second rebuttal report that responds to criticisms raised by		
28	Plaintiffs in their rebuttal reports and during Miller's deposition. (Zeman Decl., ¶ 10, Ex. 9.) By		
	21		

1	submitting this second rebuttal report after the deadline for initial and rebuttal reports, Miller tries to ge		
2	the last word and to introduce . (<i>Id.</i>) "That type		
3	of report is the exact type of supplemental report that the Ninth Circuit and courts across this Circuit		
4	have held should be excluded or struck under Rule 37(c)." Rovid, 2018 WL 5906075 at *11 (citing,		
5	e.g., Luke v. Family Care & Urgent Med. Clinics, 323 F. App'x 496, 499-500 (9th Cir. 2009)). Miller		
6	should not be permitted to gain an unfair advantage over the experts who complied with the Court's		
7	deadlines. His second rebuttal report should be stricken and Miller should be precluded from presenting		
8	any material raised for the first time in that report to the jury. See In re PersonalWeb Techs., LLC		
9	Patent Litig., No. 18-MD-02834-BLF, 2020 WL 6821074, at *6 (N.D. Cal. Feb. 3, 2020) (striking		
10	untimely supplemental report: "It is not proper for [expert] to supplement his expert report to 'revise'		
11	his disclosures in light of [opposing party's] challenges to his analysis").		
12	VI. Angela Lawson: The Court should preclude any testimony or insinuations concerning		
13	• • • • • • • • • • • • • • • • • • •		
14	Angela Lawson is a psychologist who		
15	. She submitted a rebuttal report		
16	. (Zeman Decl., Ex. 10.) Lawson		
17			
18	(Id. at 13). Lawson does not, however, render any opinion		
19	. (<i>Id.</i> at 2 n.1.) And she confirmed in her deposition		
20	that		
21	. (Zeman Decl., Ex. 11. at 13-14). Plaintiffs therefore ask the Court to preclude		
22	Lawson from . Lawson has no		
23	foundation for any such testimony, which would inappropriately suggest to the jury that Plaintiffs could		
24	be faking or exaggerating their emotional distress.		
25	Where a defendant has not laid the foundation for an opinion concerning malingering or alleged		
26	exaggeration, any questions, comments, statements, or arguments concerning malingering or symptom		
27	exaggeration are improper. See Prasol v. Cattron-Theimeg, Inc., et al., No. 9-10248, 2011 WL		
28	3897794, at *1 (E.D. Mich. Sept. 6, 2011) (granting motion to exclude questions, comments, statements		

1 or arguments concerning symptom magnification or malingering); see also Glover v. Main St. 2 Wholesale Furniture, LLC, 545 S.W.3d 245, 249 (Ark. App. 2018) (abuse of discretion to "permit[] 3 testimony suggesting that [plaintiff] was motivated by secondary gain" where the expert "testified that 4 he was not expressing an opinion that [the plaintiff] was malingering"); Marron v. Stromstad, No. 5 3AN-00-10929CI, 2002 WL 34189740 (Alaska Super. Aug. 09, 2002) (expert "did not opine that [Plaintiff] is a malingerer. He may not testify that she is malingering."). Lawson admitted at her 6 7 deposition that 8 . (Zeman Decl., Ex. 11. at 69-70). In fact, she testified that 9 10 (*Id.* at 85; see also 69-70 11 12 13 Allowing Chart to cast doubt on the authenticity of Plaintiffs' distress claims, particularly through use of pejorative concepts like " would invade the 14 15 province of the jury in assessing the Plaintiffs' credibility, severely prejudicing Plaintiffs while offering 16 no probative value whatsoever. See Fed. R. Evid. 403; Wise v. Southern Tier Express, Inc., No. 2:15-17 cv-0219-APG-PAL, 2017 WL 11488518, at *1 (D. Nev. July 10, 2017) (excluding testimony about or 18 reference to malingering or desire for secondary gain because it "would invade the province of the jury 19 to determine credibility") (citing *United States v. Geston*, 299 F.3d 1130, 1136 (9th Cir. 2002)); Glover, 20 545 S.W.3d at 249 ("To the extent the testimony had any relevance, it should [be] excluded because its probative value [is] substantially outweighed by the danger of unfair prejudice, confusion of the issues, 21 22 and misleading the jury."); see also Jones v. Standard Ins. Co., No. 12 C 328, 2013 WL 5549779, at *3 (N.D. Ill. Oct. 8, 2013) (malingering "is a pejorative term and need not be used."). 23 24 CONCLUSION

For the reasons stated, Plaintiffs respectfully request that the Court grant their motion and exclude the expert testimony discussed above from the parties' upcoming trial. Chart will still be permitted to present its case through expert testimony, but the scope of that testimony should be limited to ensure that only relevant and reliable opinions are presented to the jury.

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1	Dated: December 22, 2020	Respectfully submitted,
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CERTIFICATE OF SERVICE

I hereby certify that on December 22, 2020, I electronically filed the foregoing document using the CM/ECF system, which will send notification of such filing to all counsel of record registered in the CM/ECF system. I also caused an unredacted copy of the foregoing document to be served via email on counsel of record.

/s/ Amy Zeman